Docker Number: 006691-0304704

PATENT APPLICATION

Client Reference: FM231341/KIS/US/KIM

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

STANISLAV K KIM, et al.

**Group Art Unit:** 

Application No.: 10/615,830

Examiner: Unassigned

Filed: July 10, 2003

Confirmation No.: Unknown

For: ELECTRIC HEATING TYPE ROLLING DEVICE

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

English-language Abstracts of the non-English language references are attached hereto.

Date: July 25, 2003

Respectfully Submitted,

Glenn J. Perry

Registration Number 28458

PILLSBURY WINTHROP LLP Telephone: (703) 905-2000 Facsimile: (703) 905-2500

P.O. Box 10500 McLean, VA 22102

| FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office |      |  |  |  |  |  |              | Atty. M#<br>Dkt. No.                  |             |             | Client Ref.                                      |  |  |  |  |  |
|---|------|--|--|--|--|--|--------------|---------------------------------------|-------------|-------------|--|--|--|--|--|--|
|   |      |  | (2   | JUL 2  | 5 2003   | , 🖹  |              | }                                     | 304         | 4704        |  |  | FM23   | 1341/  | KIS/US.K   | (IM                                    |
| INFORM  | ٨Τ١٨ | N DISCLOSUI                                      | Applicant: KIM et al.                            |  |  |  |              | 120                                   |             | 1110/00.1   |  |  |  |  |  |  |
| BY APPL   | ICA  | NT   | VE ST  | A 1 E 1<br>なた。                                   | ~  |  |              | , applicant.                          |             | avi ot al.  |  |  |  |  |  |  |
|   |      | ••   | Appln. No.: 10/615,830                           |  |  |  |              |                                       |             |             |  |  |  |  |  |  |
|   |      |  |  |  |  |  |              |                                       |             |             |  | —  |  |  |  |  |
| Data: luke  | 25 2 | 003  | 1  | ٦  |  |  | uly 10, 2003 | Group Art Unit: U                     |             |             |  |  |  |  |  |  |
| Date: July  |      |  | Page   | 1  | of   | <del></del>                                      | <del></del>  | <u> Examiner</u>                      | <u>. Ui</u> | nassigned   | JGro   | up   | AR U   | nit: C   | nassig   | nea                                    |
|   | NI L | OCUMENTS   | <u> </u>   | Б.   |  | 1  |              |                                       |             | <del></del> | Ta.  |  | <u> </u>   |  | T  |  |
| Examiner'   | 1    | Document   |  | Date<br>MM/YYYY                                  |  | Name   |              | of Florida Incompany                  |             |             | Class  |  | Sub<br>Class                                     |  | Filing<br>Date                                   |  |
| Initials*   | l    | Number   |  | ININI  | Y Y Y Y  | (Family I  | vame         | of First Inv                          | ent         | or)         | l  |  | Class  | >  | (if approp                                       | oriate)                                |
| miliaio   | AR   | 5823037  |  | 10/1   | 208  | Kim et a   |              |                                       |             |             | +  |  | <del>                                     </del> |  |  |  |
|   | BR   | 3023037  |  | 110/1  | 330  | Killi et a                                       | ·            |                                       |             |             | +  |  | <del> </del>                                     |  | <del> </del> -                                   |  |
| <u> </u>  | CR   |  |  | <del> </del>                                     |  |  |              |                                       |             |             | <del>                                     </del> |  | <del>                                     </del> |  | <del>                                     </del> |  |
| <u> </u>  | DR   | <del>                                     </del> |  | $\vdash$   |  |  |              |                                       |             |             | +  |  | <del> </del>                                     |  | <del>                                     </del> |  |
| <del> </del>  | ER   | <del> </del>                                     | <del> </del>                                     | $\vdash$   |  | <b></b>  |              |                                       |             | <del></del> | +  |  | <del> </del>                                     |  | <del> </del>                                     |  |
|   | FR   | <b> </b>   |  | $\vdash$   |  | <del>                                     </del> |              | · · · · · · · · · · · · · · · · · · · |             |             | +  |  | <del> </del>                                     |  | <del> </del>                                     |  |
| <b> </b>  | GR   | <del> </del>                                     |  | <del>                                     </del> |  | <del>                                     </del> |              | <del></del>                           |             |             | +  |  | <del>                                     </del> |  | <del> </del>                                     |  |
| <del> </del>  | HR   | <del> </del>                                     |  | <del>                                     </del> |  |  |              |                                       |             |             | +-   |  | <del>                                     </del> |  | <del>[</del>                                     |  |
|   | IR   |  |  | $\vdash$   |  | <del>                                     </del> |              |                                       |             |             | +-   |  | <del> </del>                                     |  | <del> </del>                                     |  |
|   | JR   |  |  | <del>                                     </del> |  | <del>                                     </del> |              |                                       |             | ·           | +  |  | <del>                                     </del> |  |  |  |
|   | KR   |  |  | <del> </del>                                     |  | <del>                                     </del> |              |                                       |             |             | +-   |  | <del>                                     </del> |  | <del> </del>                                     |  |
|   | LR   |  |  | <del> </del>                                     |  | <del>                                     </del> |              |                                       |             |             | +-   |  | <del>                                     </del> |  | <del> </del>                                     |  |
|   | MR   | <del> </del>                                     |  | <del> </del>                                     |  | <del> </del>                                     |              | <del></del>                           |             |             | +  |  |  |  |  |  |
| }   | NR   | <del> </del>                                     |  |  |  | <del> </del>                                     |              |                                       |             |             | <del>                                     </del> |  | <del> </del>                                     |  | <del> </del>                                     |  |
| EOREIGN   |      | ENT DOCUMEN                                      | ITC  |  |  | <del>'</del>                                     |              |                                       |             |             | <u> </u>   | Fn   | glish  |  | Translat   | tion                                   |
| FOREIGN   | PAII | ENT DOCUMEN Document                             | Coun   |  | Invor  |  | ntor Name    | _                                     | <del></del> |             | Abstrac  |  |  | Readily  | Readily  |  |
|   | ł    | Number   | Date<br>MM/Y                                     |  |  | iry irriver                                      |              | nor manne                             | }           |             |  | Ì  |  |  | Available  |  |
|   | 1    | Trainboi (Trainboi                               |  | 1  |  | Ì  |              |                                       | ]           |             | Enc  |  | closed No  |  | Enclose No                                       |  |
| <del> </del>  | OR   | JP 10-180317                                     | 07/19  | 08   | Japai  |  | +            |                                       |             |             |  | ×  | 510500   | 1  | 21101030   | +                                      |
|   | PR   | 01 10-100517                                     | 101713   | 30   | Japai  | <del>'</del>                                     | +-           |                                       | $\neg$      |             |  | 宀  |  | ├─   | <del> </del>                                     | +-                                     |
| <b> </b>  | QR   |  | <del>}</del>                                     |  | +  |  | +-           |                                       | -           |             |  | $\vdash$   |  | <del> </del>                                     | <del> </del>                                     | +-                                     |
| <del></del>   | RR   |  | <del> </del>                                     |  | <del>                                     </del> |  | +-           |                                       | -           |             |  | <del>                                     </del> |  | $\vdash$   | <del> </del>                                     | +                                      |
|   | SR   |  | <del> </del> -                                   |  | +  |  | +            |                                       | $\dashv$    |             |  | +  |  | $\vdash$   | <del> </del>                                     | +                                      |
|   | TR   |  | <b>†</b>   |  | <b>†</b>   |  | <del> </del> |                                       | $\neg$      |             |  | <del> </del>                                     |  | -  |  | 十                                      |
| <del></del>   | UR   |  | <del> </del>                                     |  | <del> </del>                                     | <del></del>                                      | +            |                                       | $\dashv$    |             |  | 十  |  | $\vdash$   |  | +                                      |
|   | VR   | <del> </del>                                     | <del>                                     </del> |  | †  | <del></del>                                      | †            |                                       |             |             |  | 一  |  | $\vdash$   | <del> </del>                                     | +                                      |
| <u> </u>  | WR   | <del> </del>                                     | <del>                                     </del> |  | $\vdash$   |  | †            |                                       | $\dashv$    |             |  | $\vdash$   |  | <del> </del>                                     | <del> </del> -                                   | +                                      |
|   | XR   | <del>                                     </del> | <del> </del>                                     |  | $\dagger$  |  | †            |                                       |             | <del></del> |  |  |  |  |  | +                                      |
| OTHER (In   |      | ng in this order                                 | Author   | Title  | Period   | lical Name                                       | o Date       | - Portinen                            | + D:        | ages etc.)  |  | ┢  |  | -  |  | 十                                      |
| OTTILITY  | YR   | ing in this order /                              | - duiloi,  | Tille,   | r enoc   | iicai ivaiiii                                    | e, Dali      | s, reminen                            | LFC         | ages, etc./ |  | ł  |  | 1  | 1  | 1                                      |
|   | ZR   |  |  |  |  |  |              |                                       |             |             |  | <del> </del>                                     |  | <del>                                     </del> | <del> </del>                                     | +                                      |
| <u> </u>  | AAR  | <b> </b>   |  |  |  |  |              |                                       |             |             |  | ├─   |  | -  | <del> </del> -                                   | +                                      |
| <del></del>   | BBR  | <del> </del>                                     |  |  |  |  |              |                                       |             |             |  | ╀─   |  | -  | <del> </del>                                     | +-                                     |
|   | CCR  |  |  |  |  | · · · · · · · · · · · · · · · · · · ·            |              |                                       |             |             |  | $\vdash$   |  | -  | <del> </del>                                     | +-                                     |
|   | DDR  |  |  |  |  |  |              |                                       |             |             |  | 1  |  | $\vdash$   | <del> </del>                                     | +-                                     |
| Examiner  | ,,   | <del></del>                                      |  |  |  |  |              | Date Cons                             | مامزه       | rod:        |  | <u></u>  |  | <u></u>  | <del></del>                                      | ــــــــــــــــــــــــــــــــــــــ |
| *EXAMINE  | R·   | Initial if citation co                           | nsider   | ad wh  | ether or   | not citatio                                      | n ie ie      |                                       |             |             | Dec  | 14, 1:   | ne the   |  | citation   | if.                                    |
|   |      | ce and not conside                               |  |  |  |  |              |                                       |             |             |  | VV 111   |  | -ugii  |  | "                                      |